

Red lined Originals

FIG. 11-52 Renumbered to 10-51

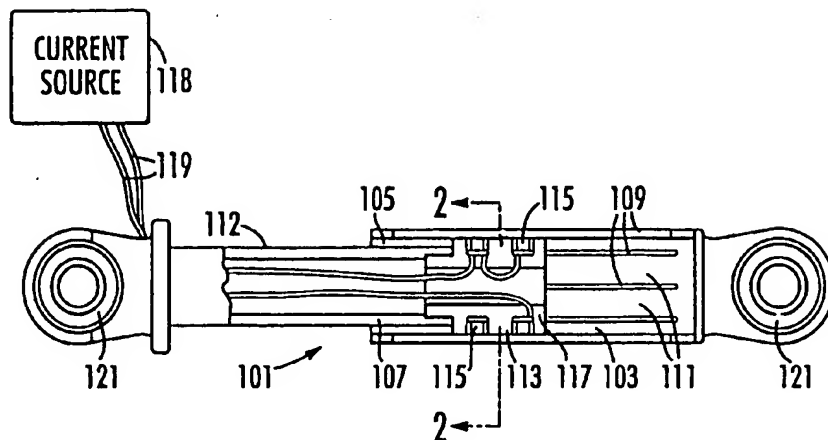


FIG. 1

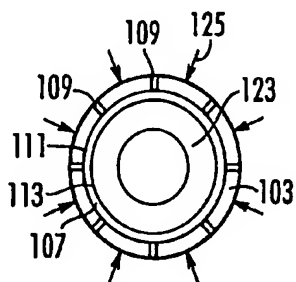


FIG. 2

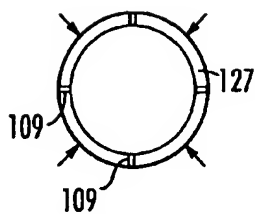


FIG. 3B

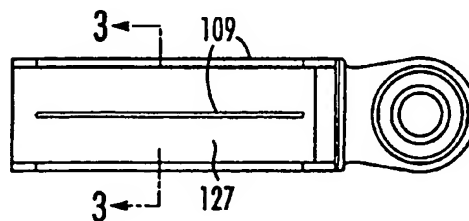


FIG. 3A

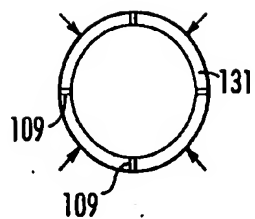


FIG. 4B

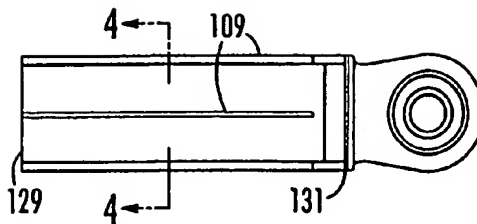


FIG. 4A

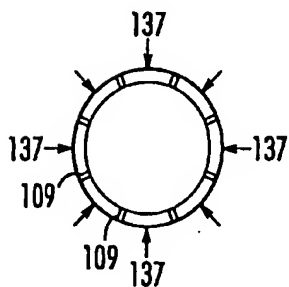


FIG. 5B

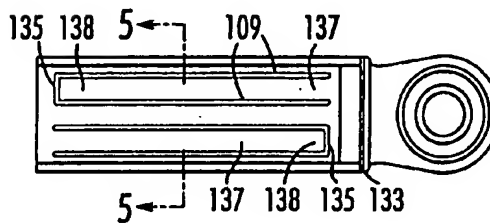


FIG. 5A

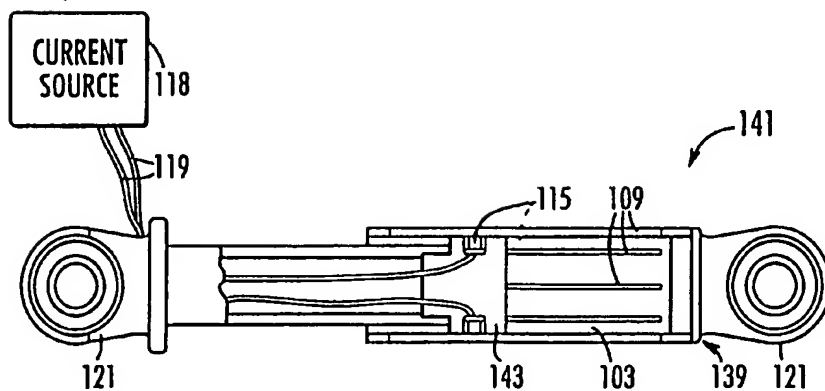


FIG. 6

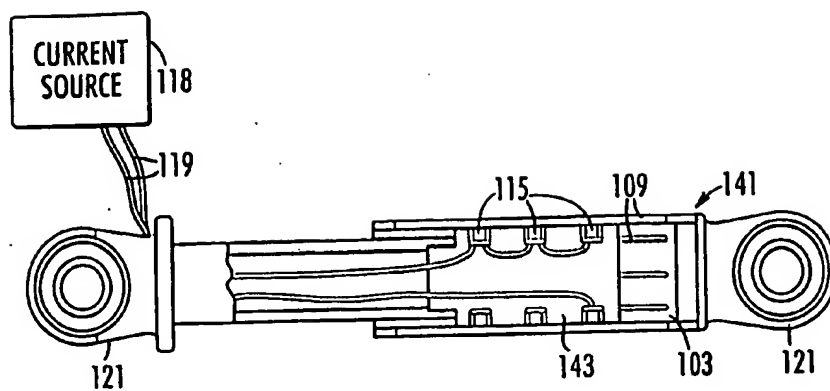


FIG. 7

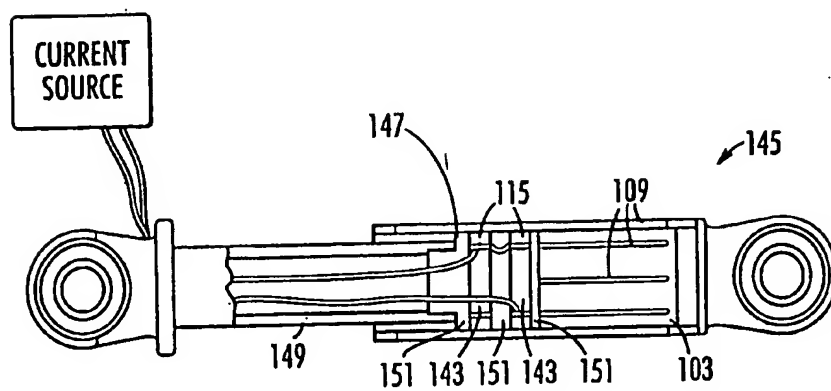


FIG. 8

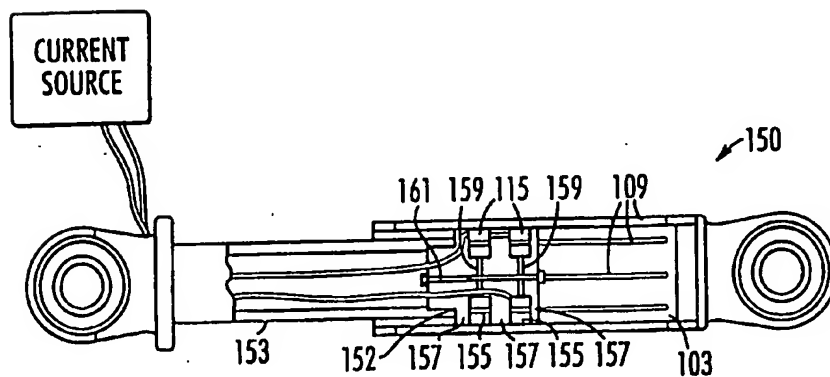


FIG. 9

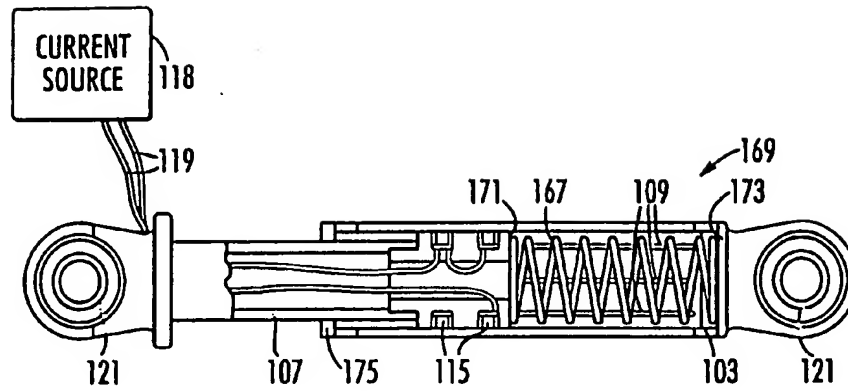


FIG. ~~10~~ 10

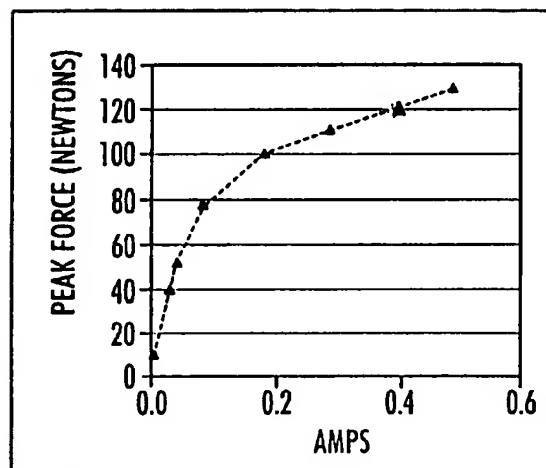
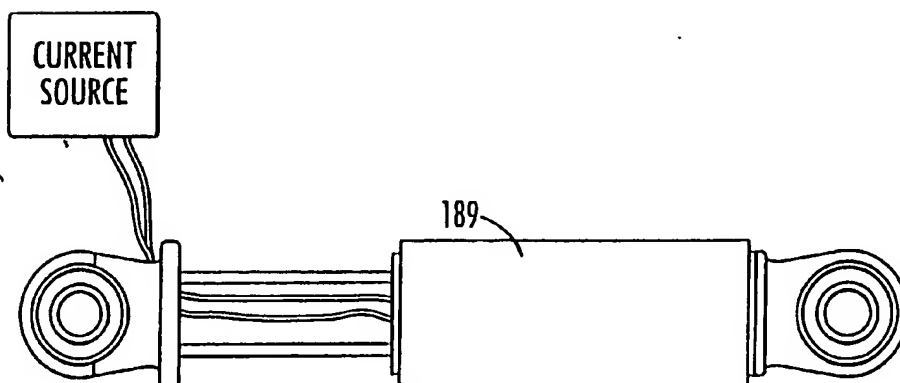
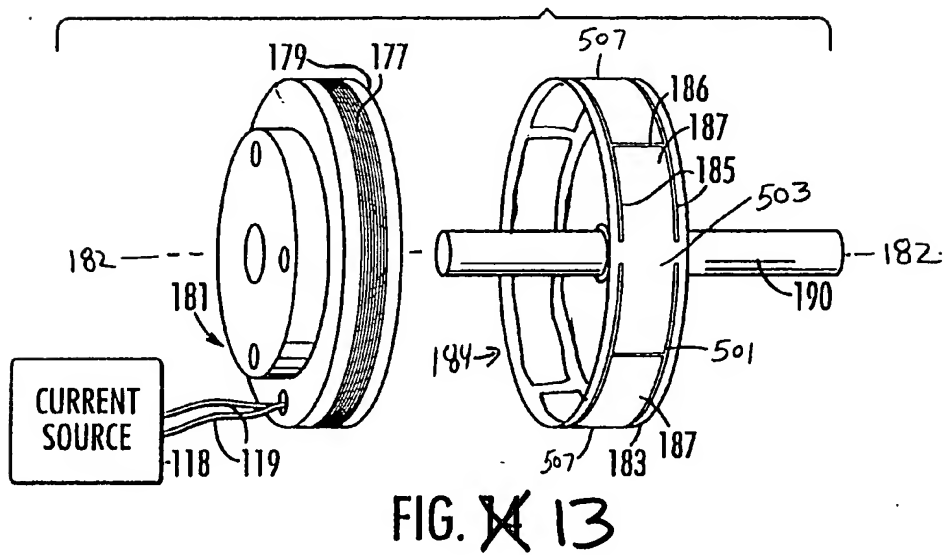
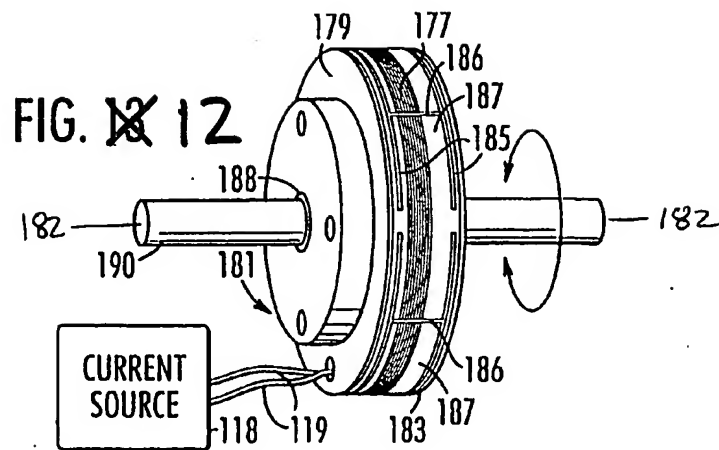
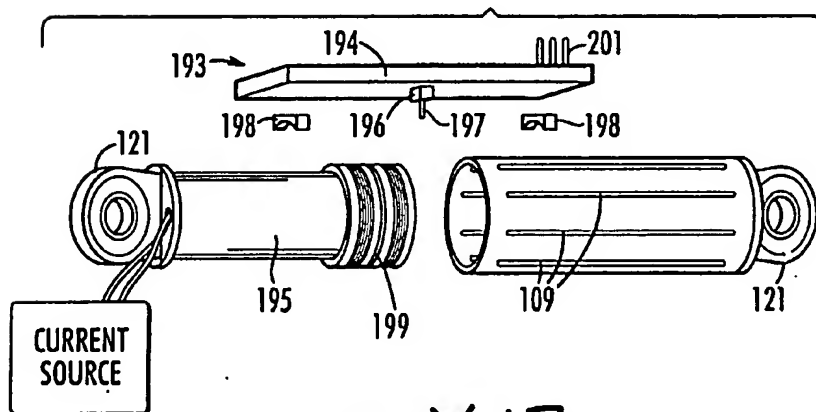
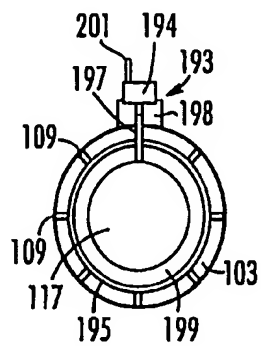
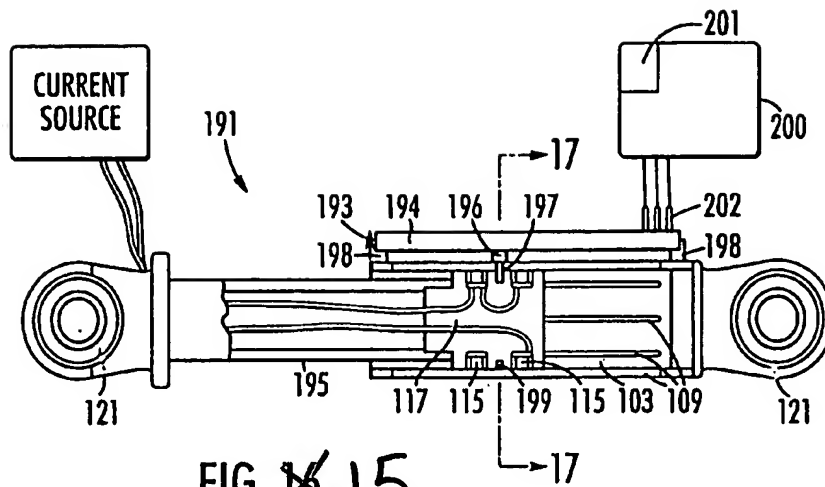


FIG. ~~11~~ 11



**FIG. ~~X~~ 14**



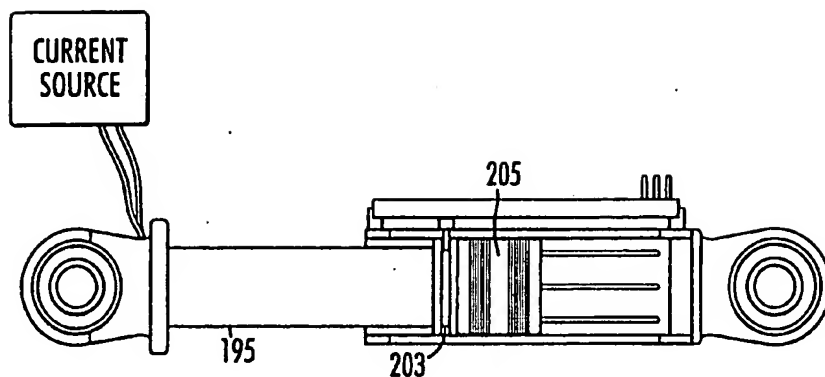


FIG. ~~18~~ 18

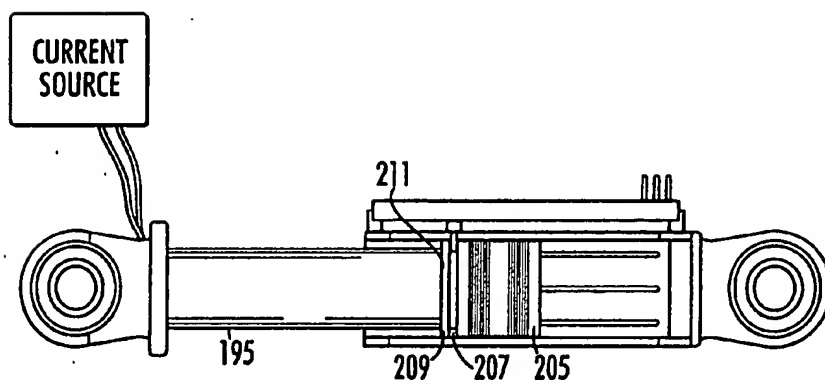


FIG. ~~19~~ 19

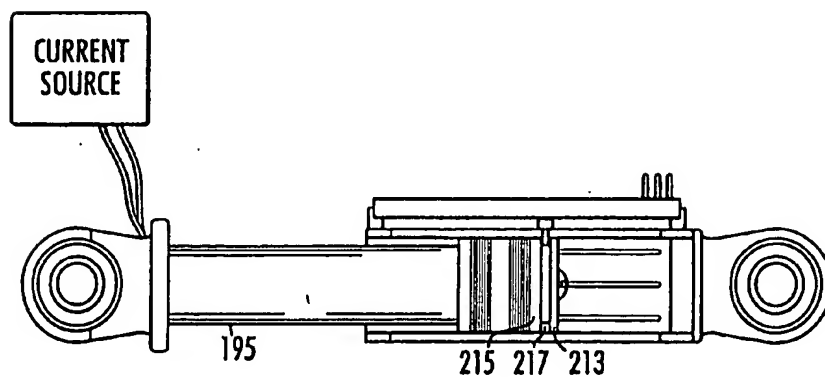


FIG. ~~20~~ 20

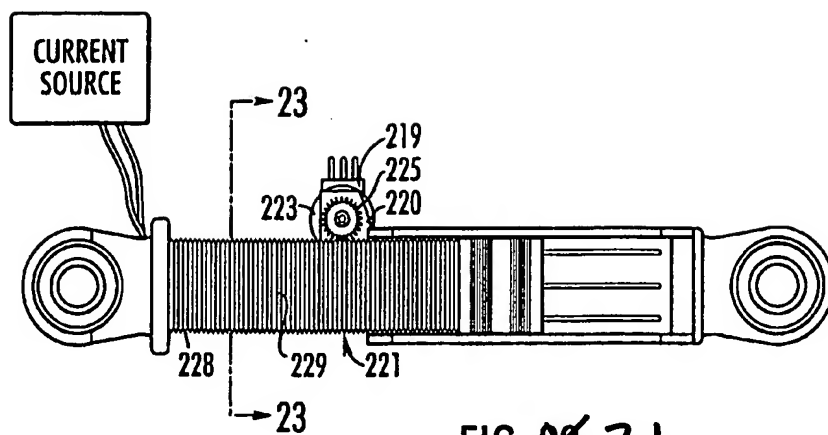


FIG. ~~20~~ 21

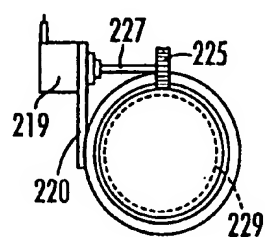


FIG. ~~22~~ 22

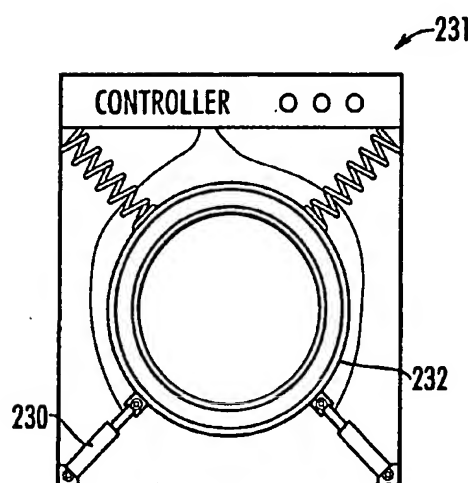


FIG. ~~24~~ 23



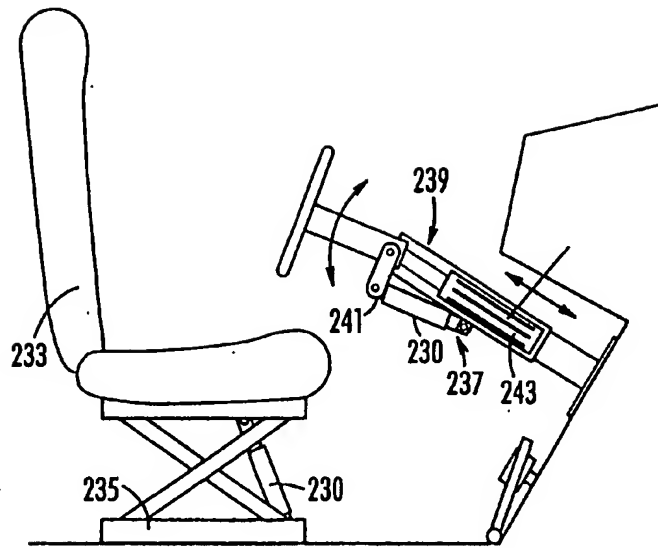


FIG. ~~24~~ 24

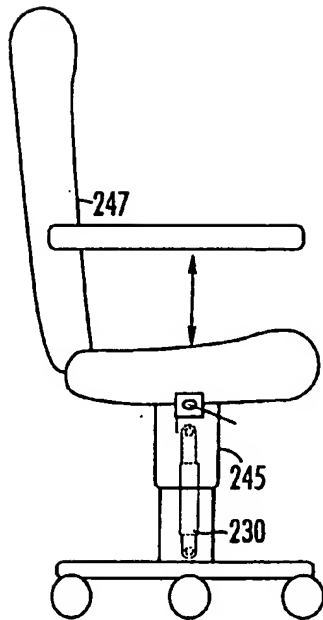


FIG. ~~25A~~ 25A

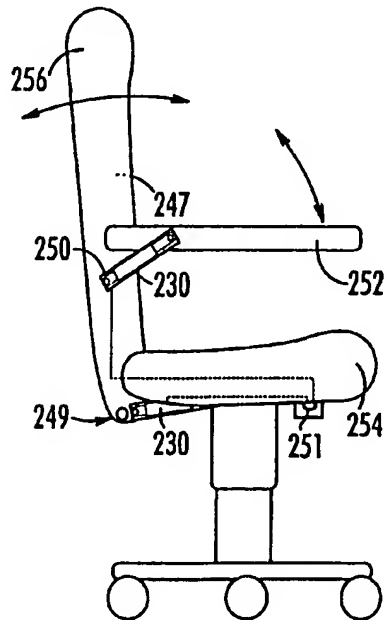


FIG. ~~25B~~ 25B

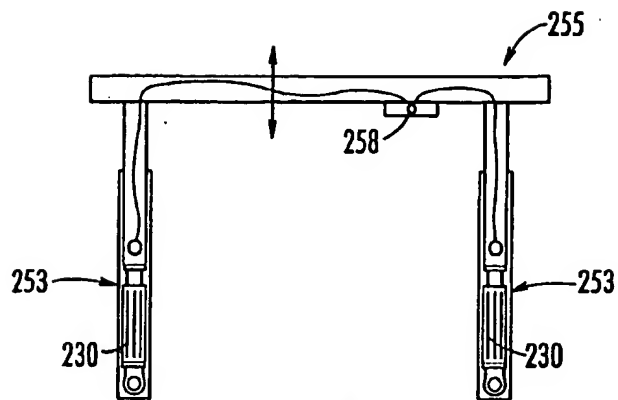


FIG. ~~26~~ 26

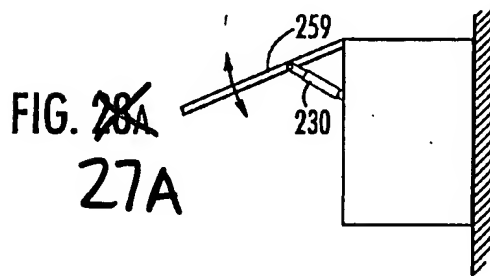


FIG. ~~27A~~ 27A

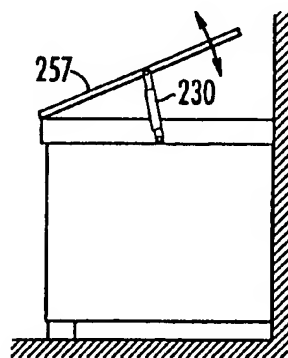


FIG. ~~27B~~ 27B

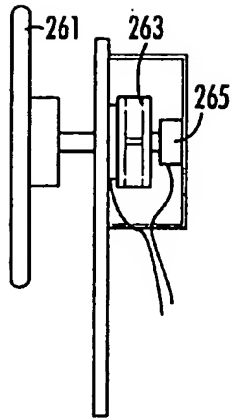


FIG. ~~28~~ 28

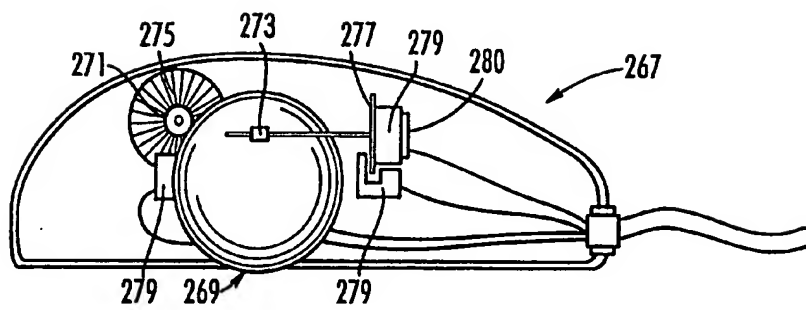


FIG. ~~30~~ 29

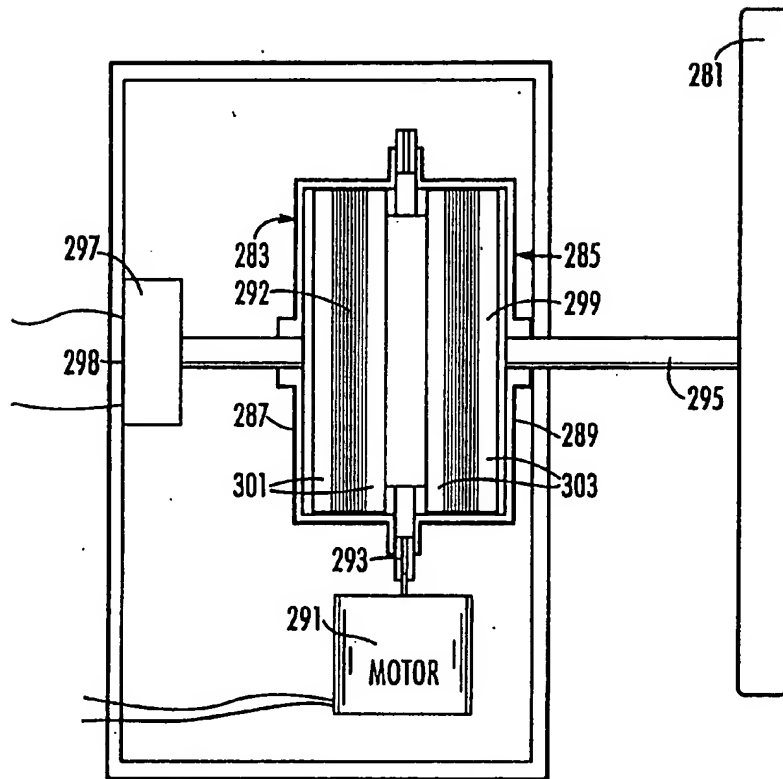


FIG. 30

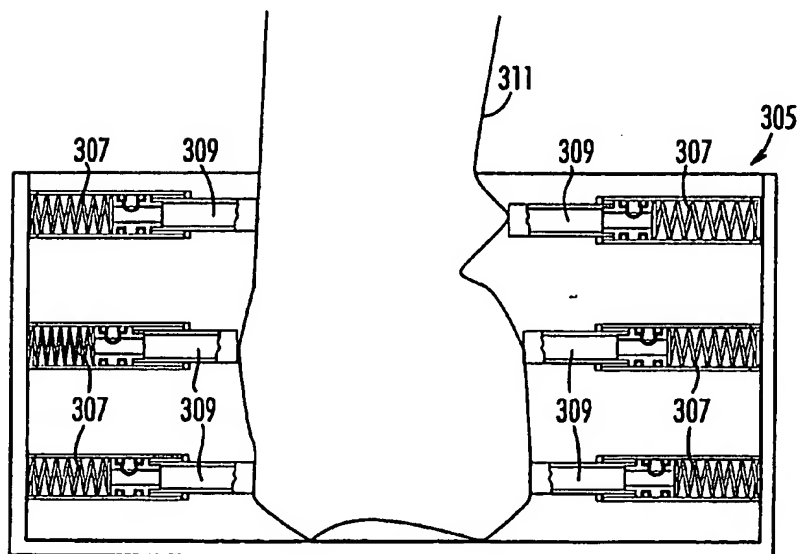


FIG. 31

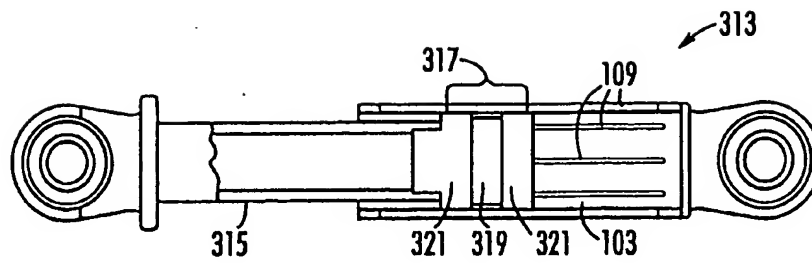


FIG. ~~32~~ 32

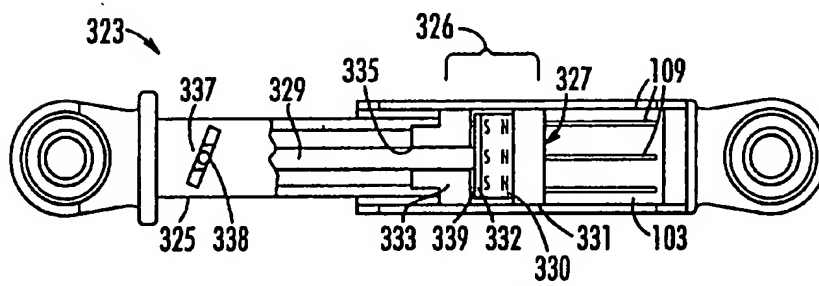


FIG. ~~33~~ 33

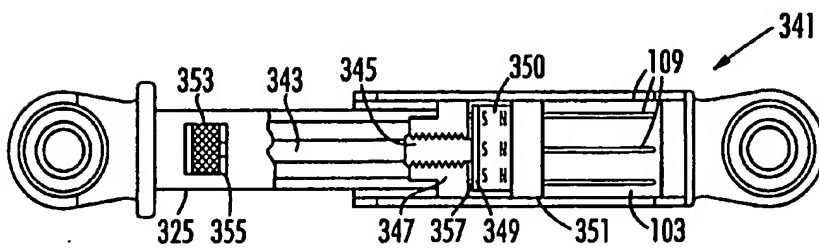


FIG. ~~34~~ 34

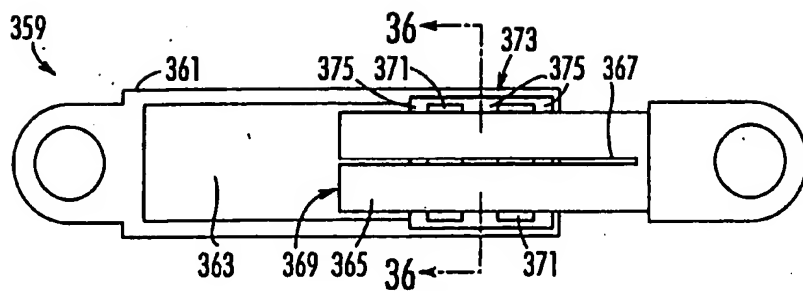


FIG. ~~35A~~ 35A

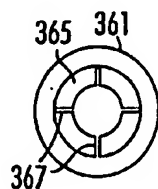


FIG. ~~35B~~ 35B



FIG. ~~36B~~ 36B

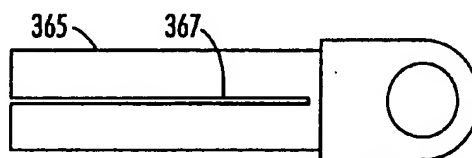


FIG. ~~36A~~ 36A



FIG. ~~37B~~ 37B

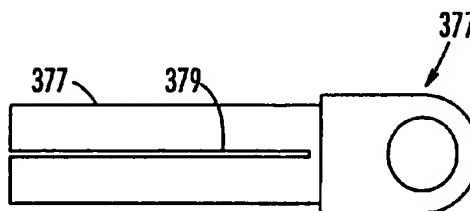
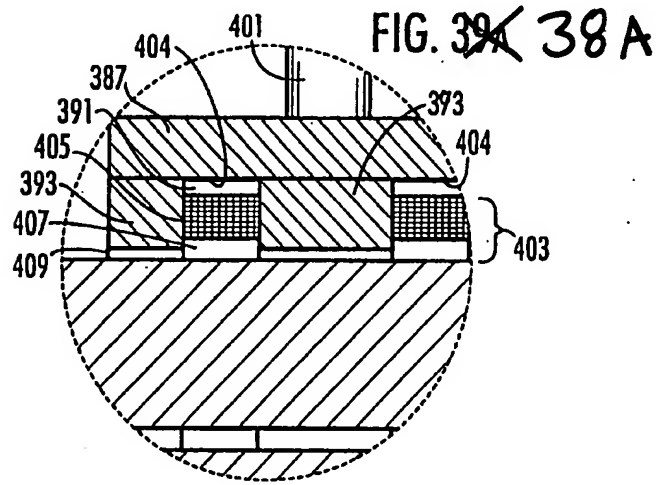
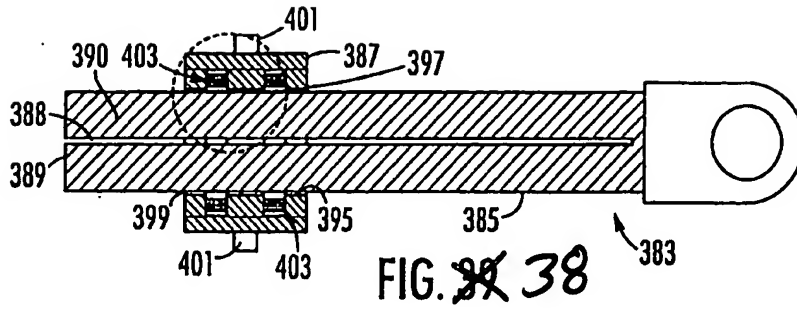
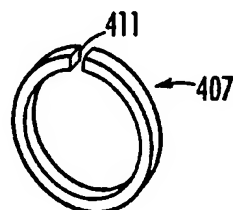
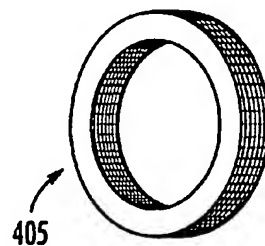
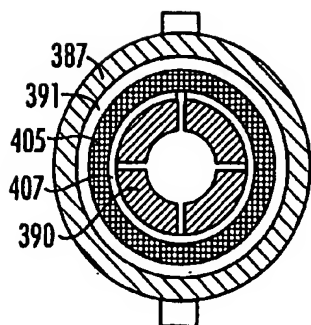
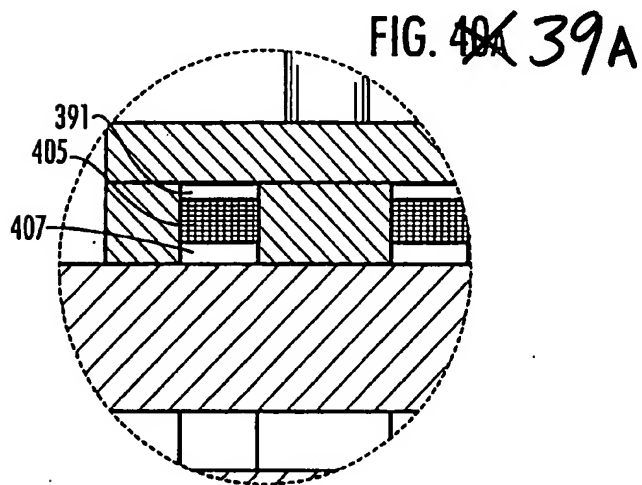
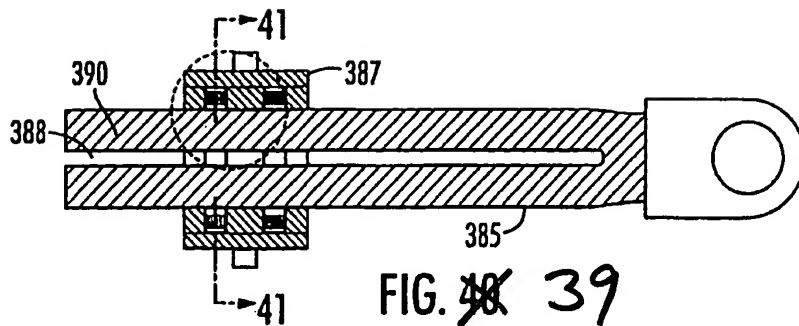


FIG. ~~37A~~ 37A







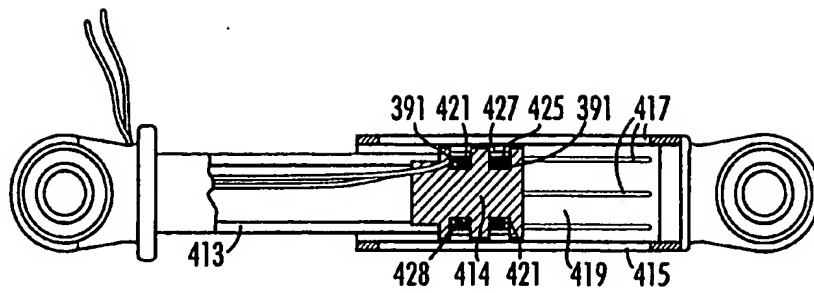


FIG. ~~42~~ 41

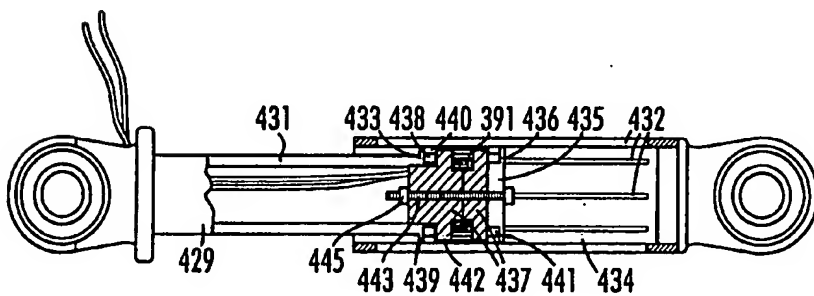


FIG. ~~43~~ 42

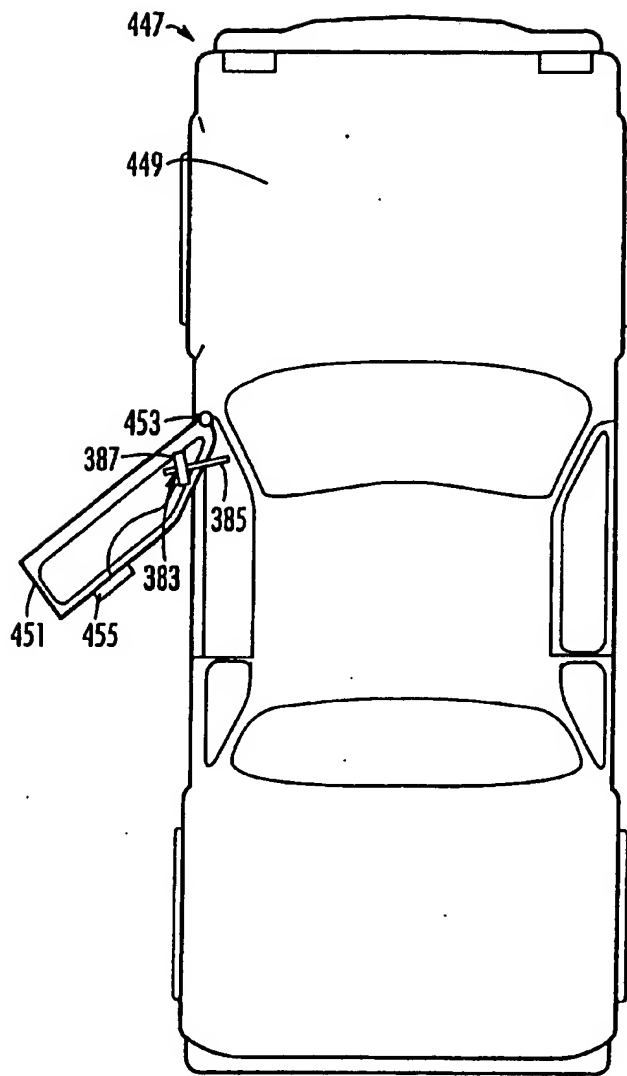


FIG. 44 43





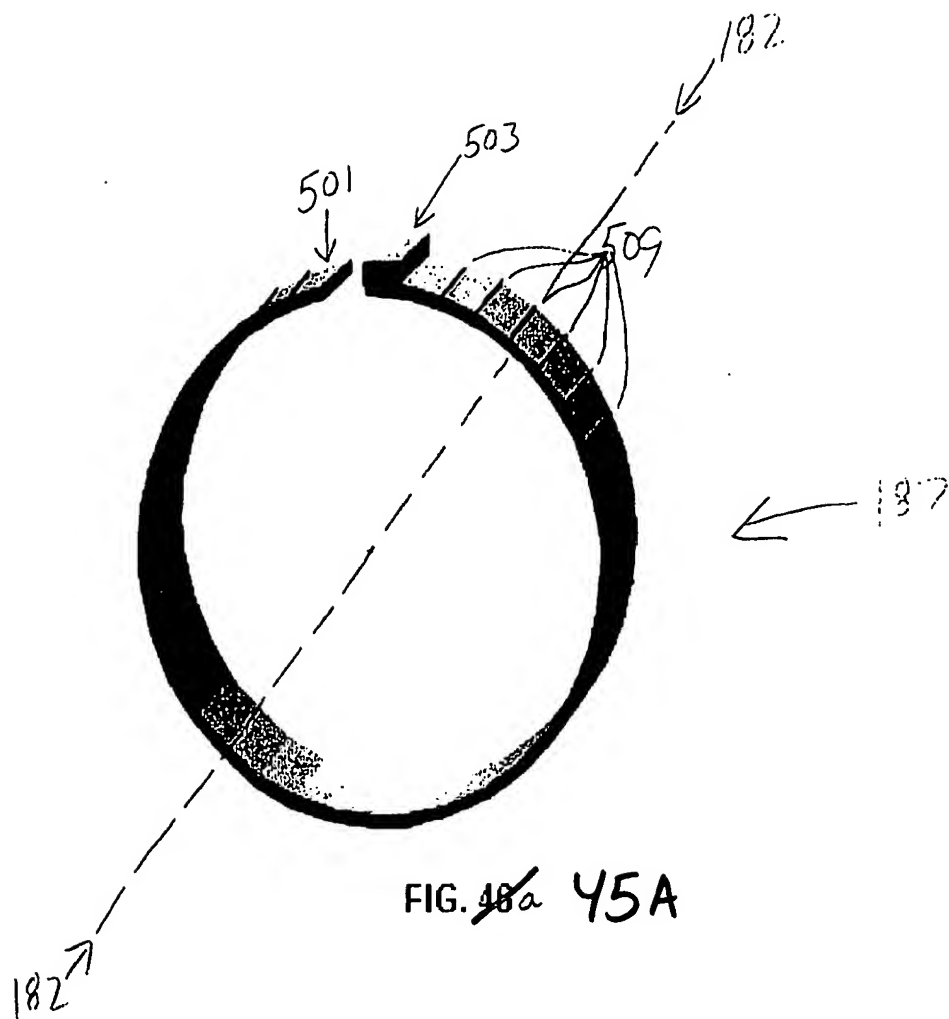


FIG. ~~48~~<sup>a</sup> 45A

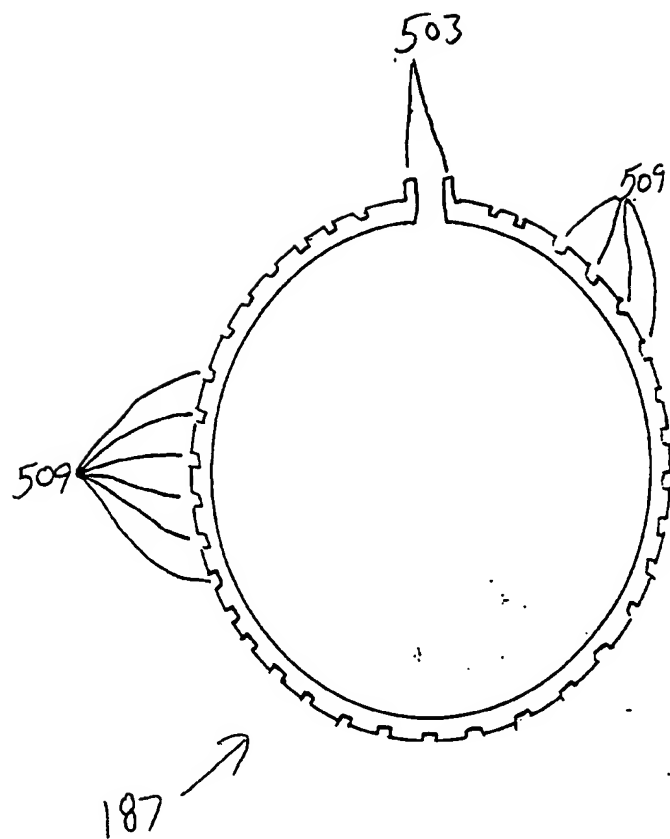


FIG. 466 45B

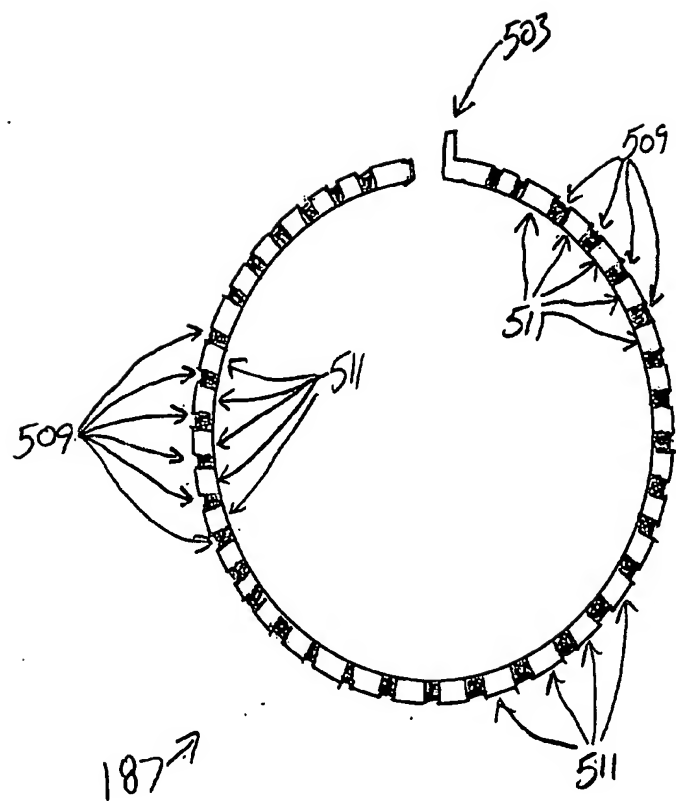


FIG. ~~46C~~ 45C

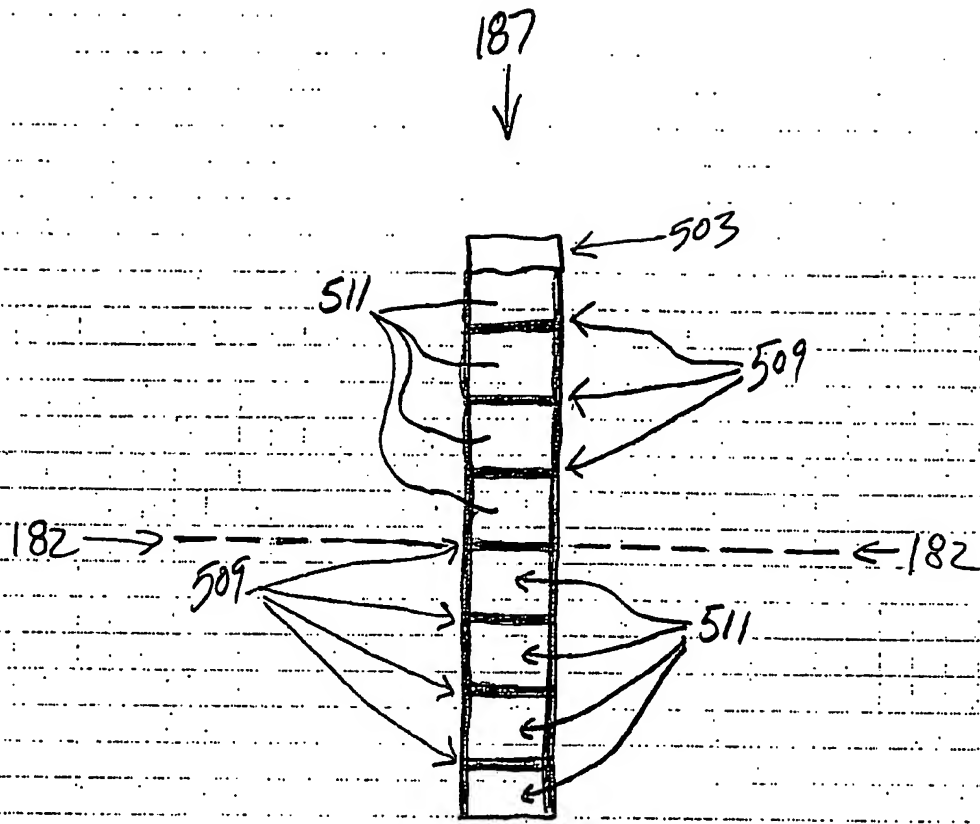


FIG. 46d 45D



FIG. 47C 46C

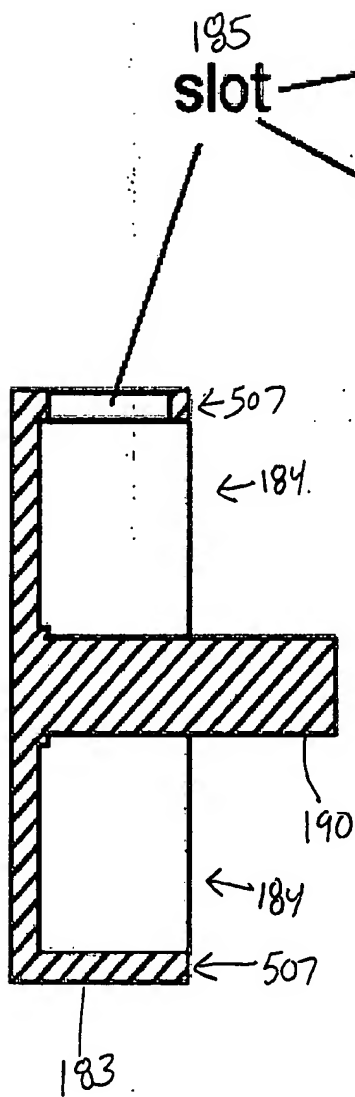
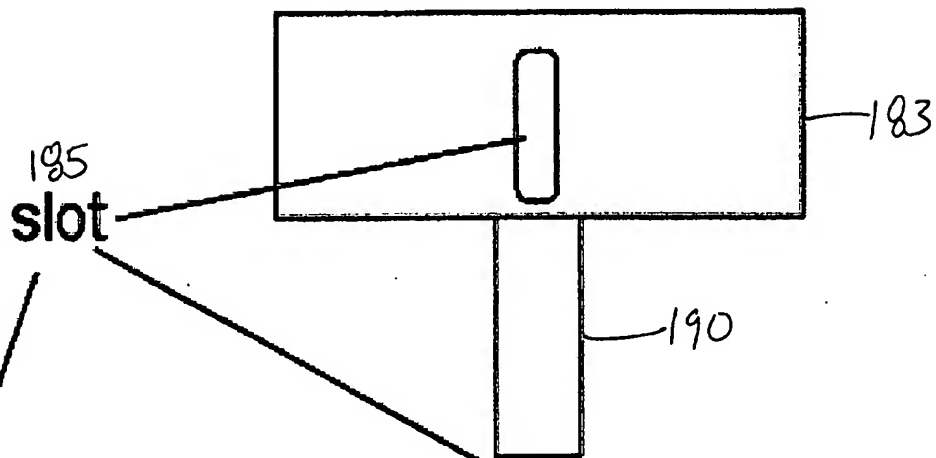


FIG. 47A 46A

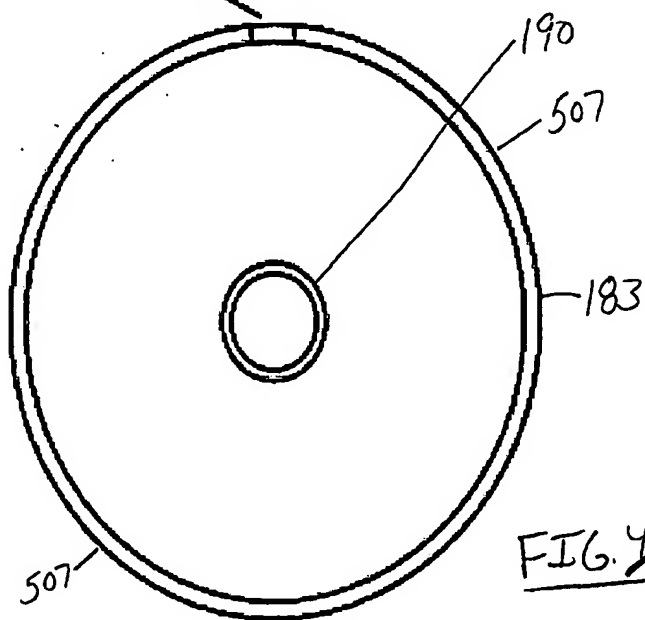
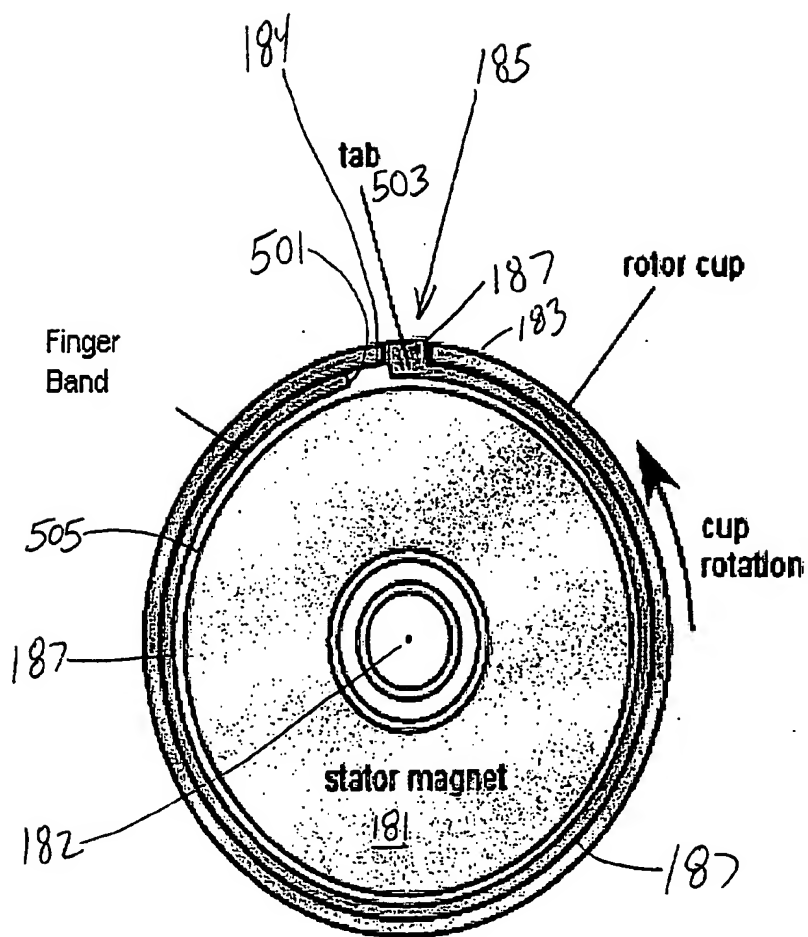


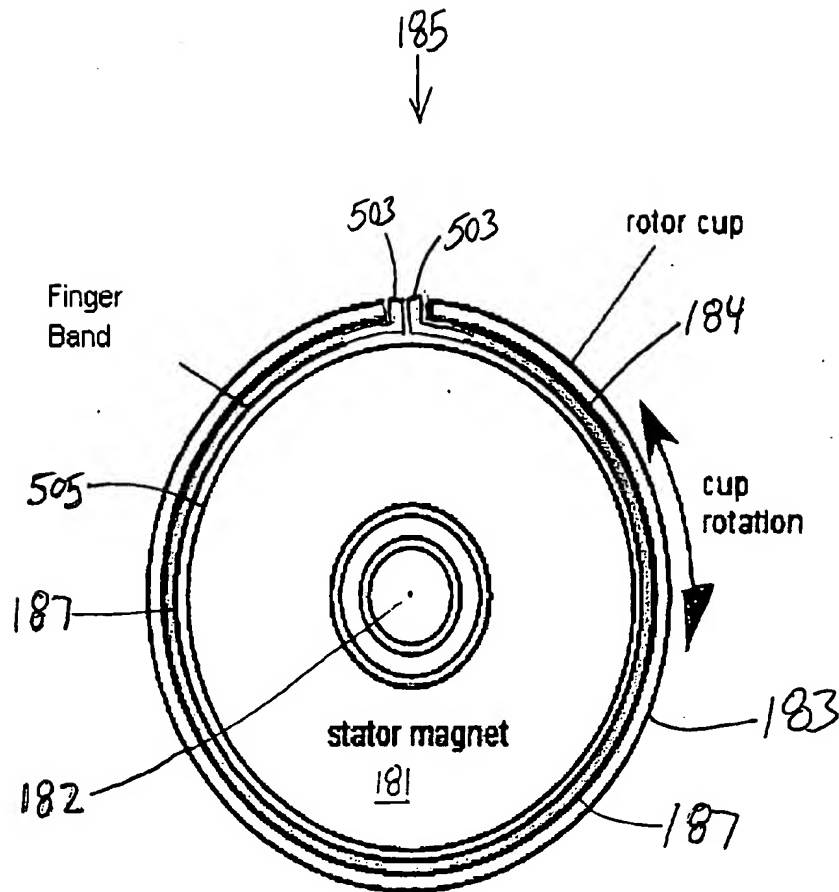
FIG. 47B 46B



Magnet off: band releases stator and rotor turns freely

~~FIG 8a~~ OFF-STATE CONDITION

47A

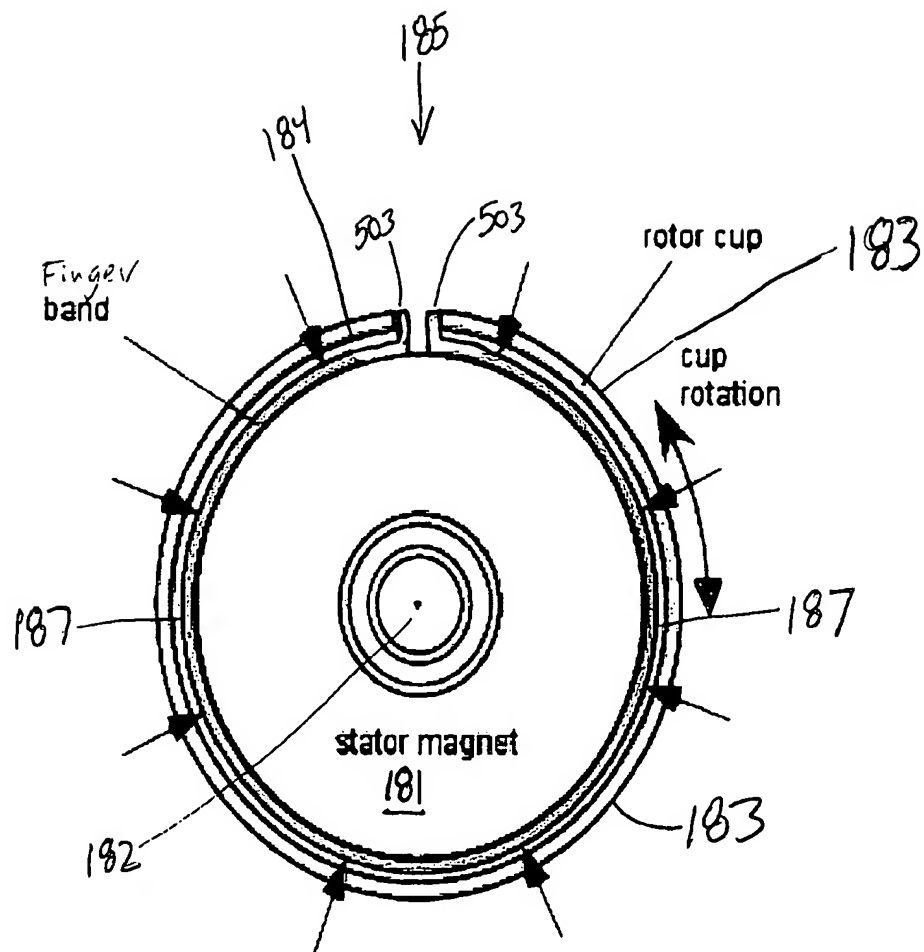


Magnet off: band releases stator and rotor turns freely

FIG 47B OFF-STATE CONDITION

47B





Magnet energized: band is attracted and squeezes stator magnet

FIG. 48B ON-STATE CONDITION

48B

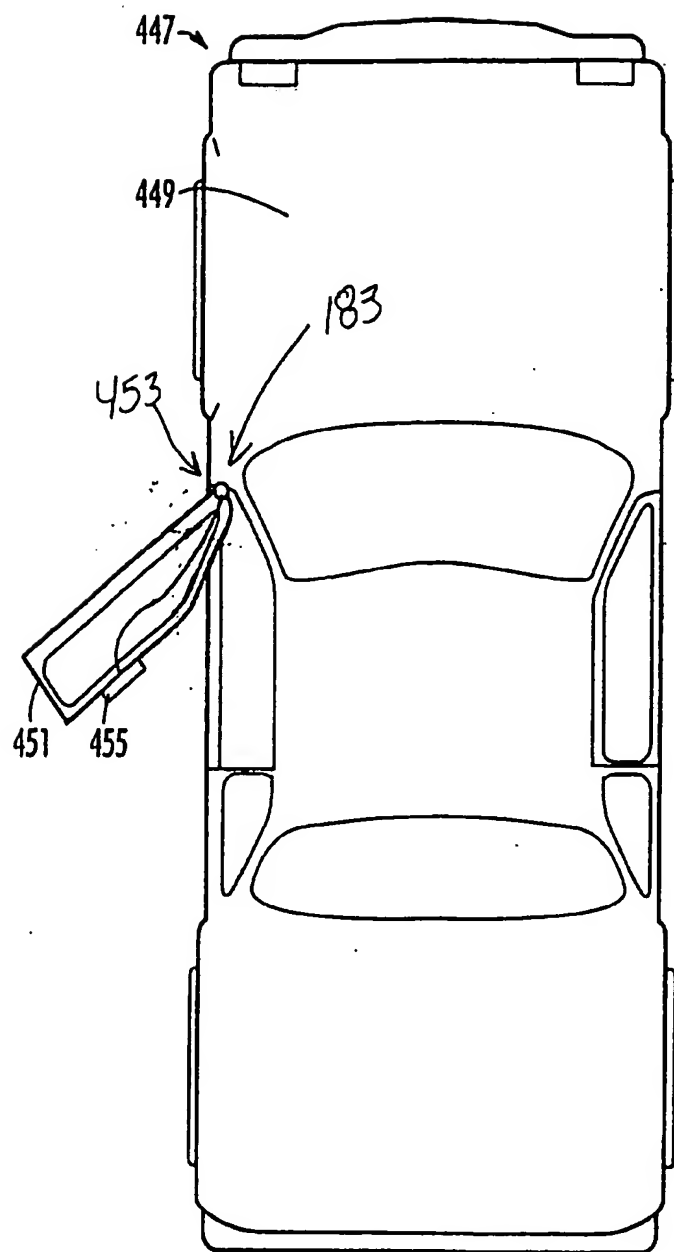


FIG. ~~50a~~ 49A

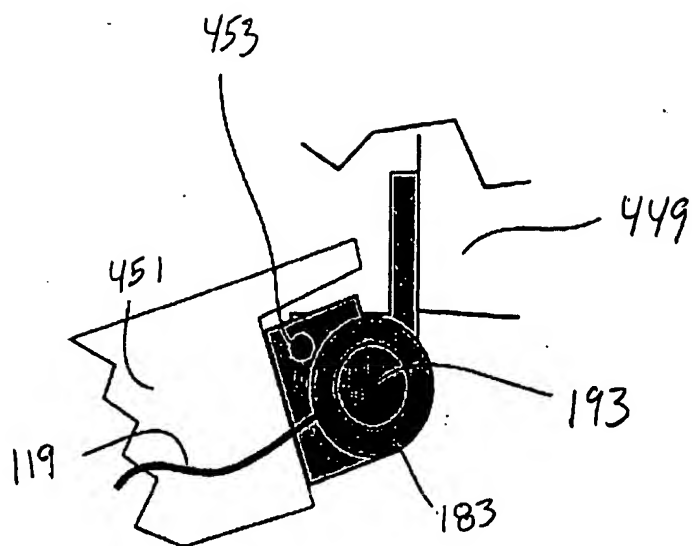


FIG. ~~506~~ 49B

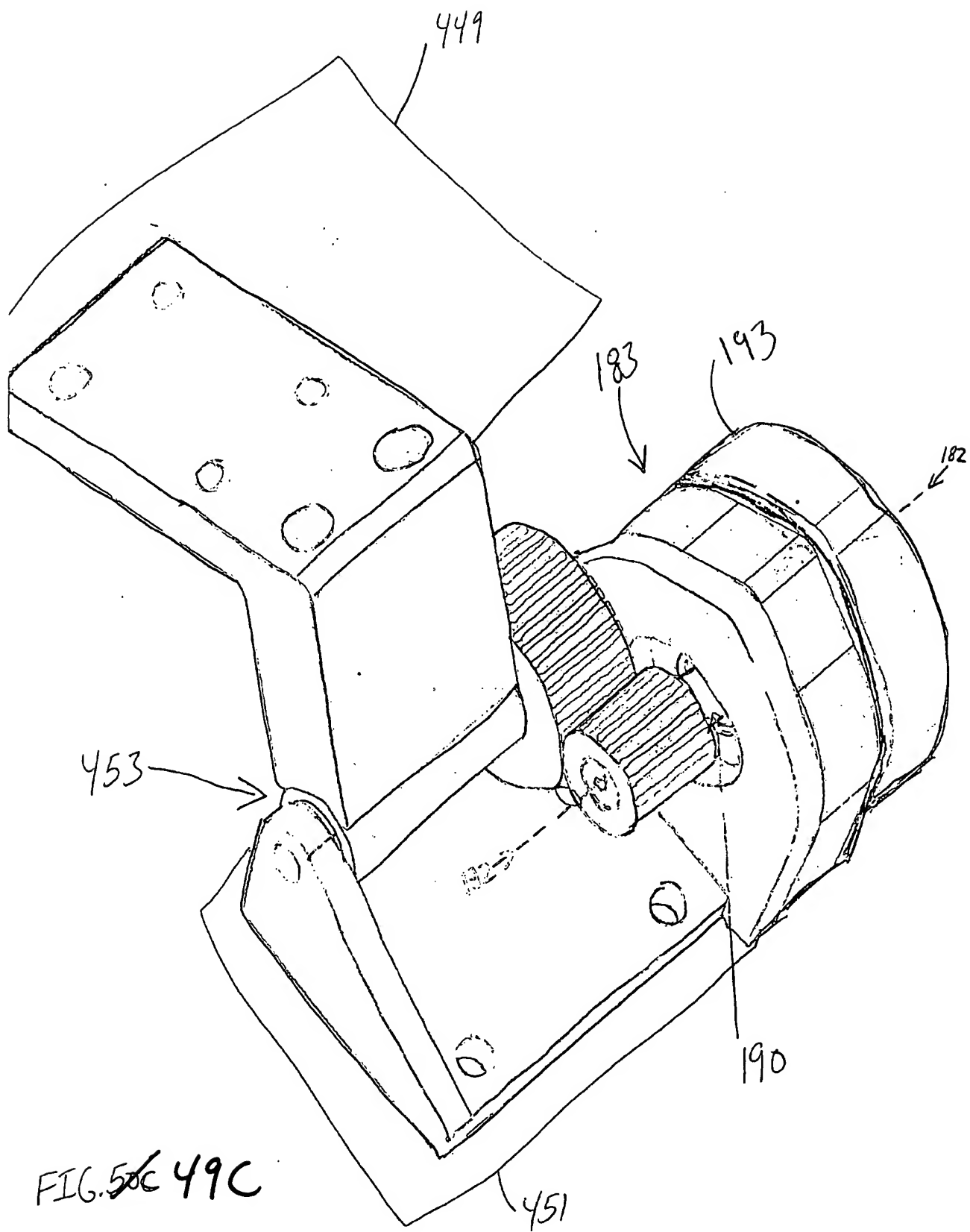


FIG. 50C 49C



FIG. 5A 50A

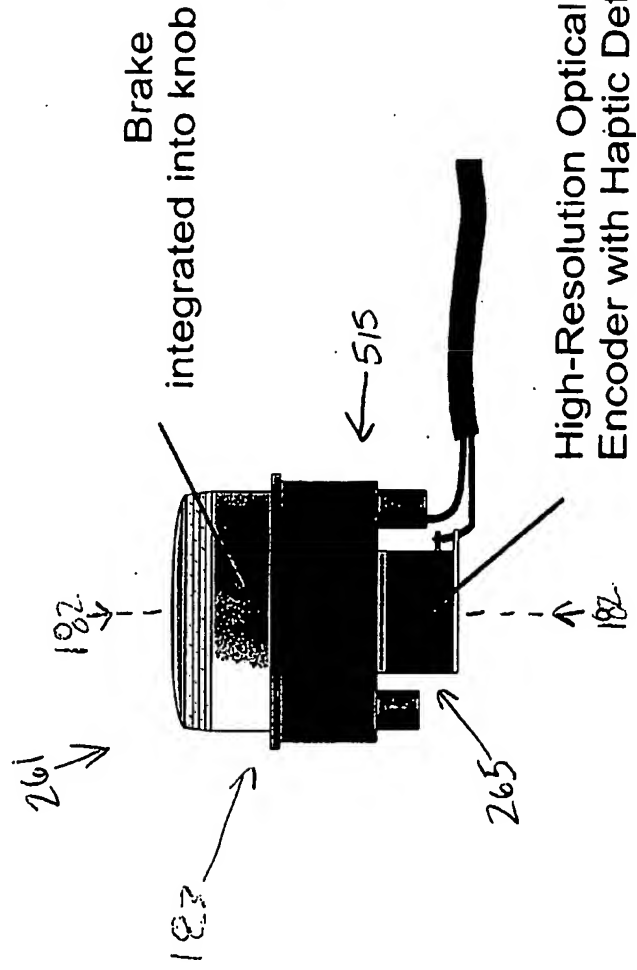
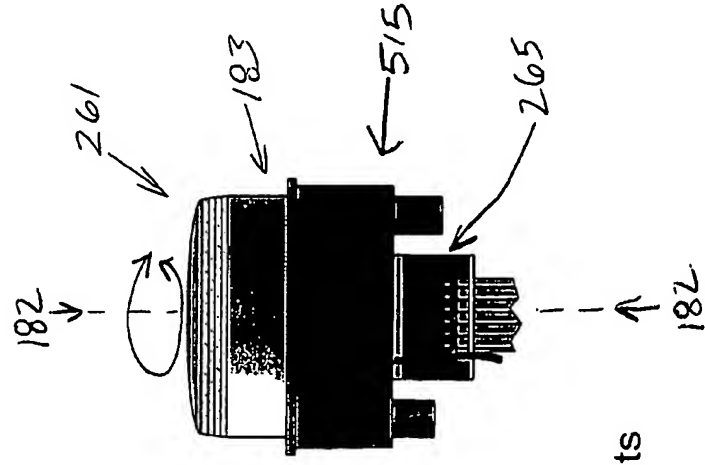


FIG. 5A 50B



~~FIG. 50C~~

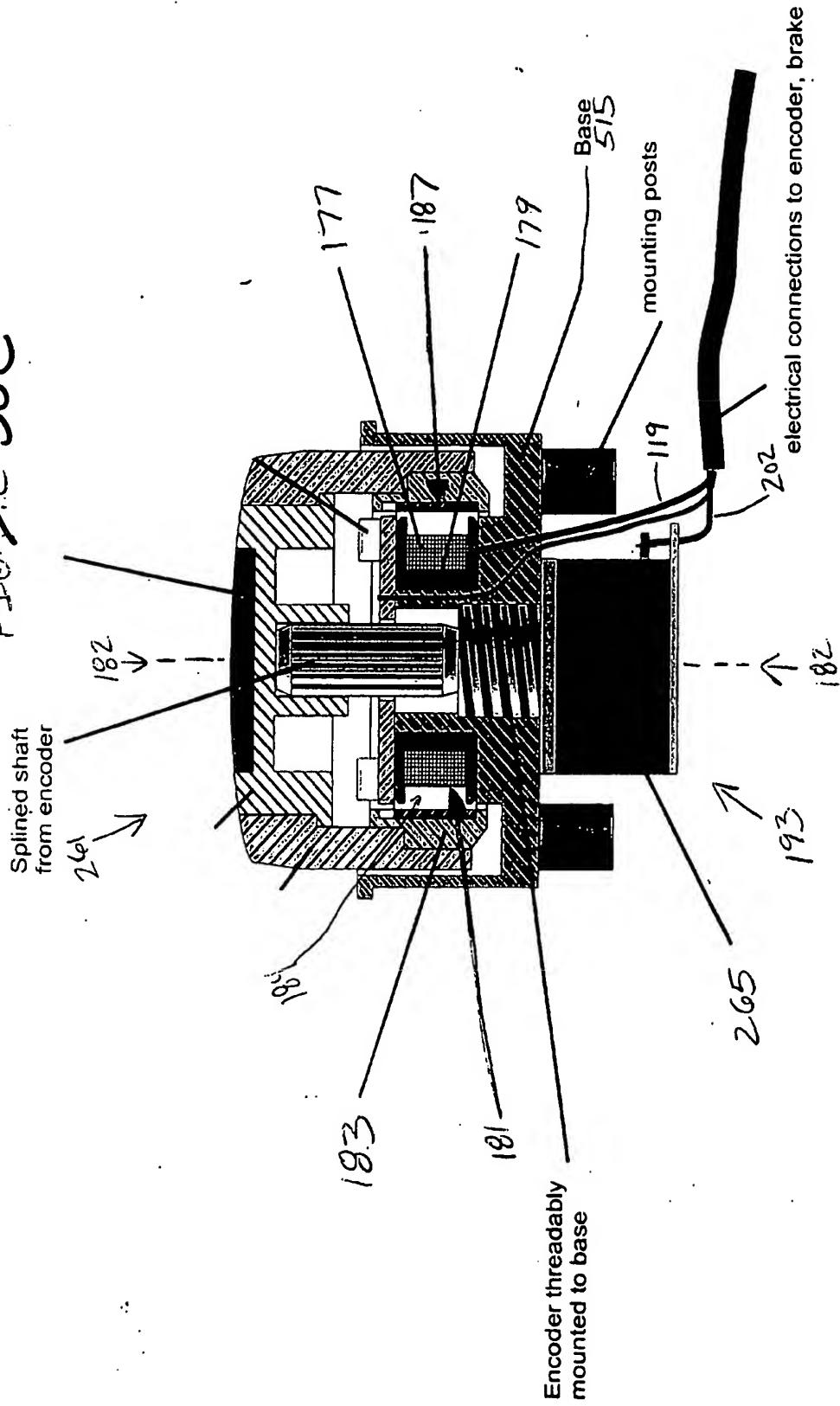
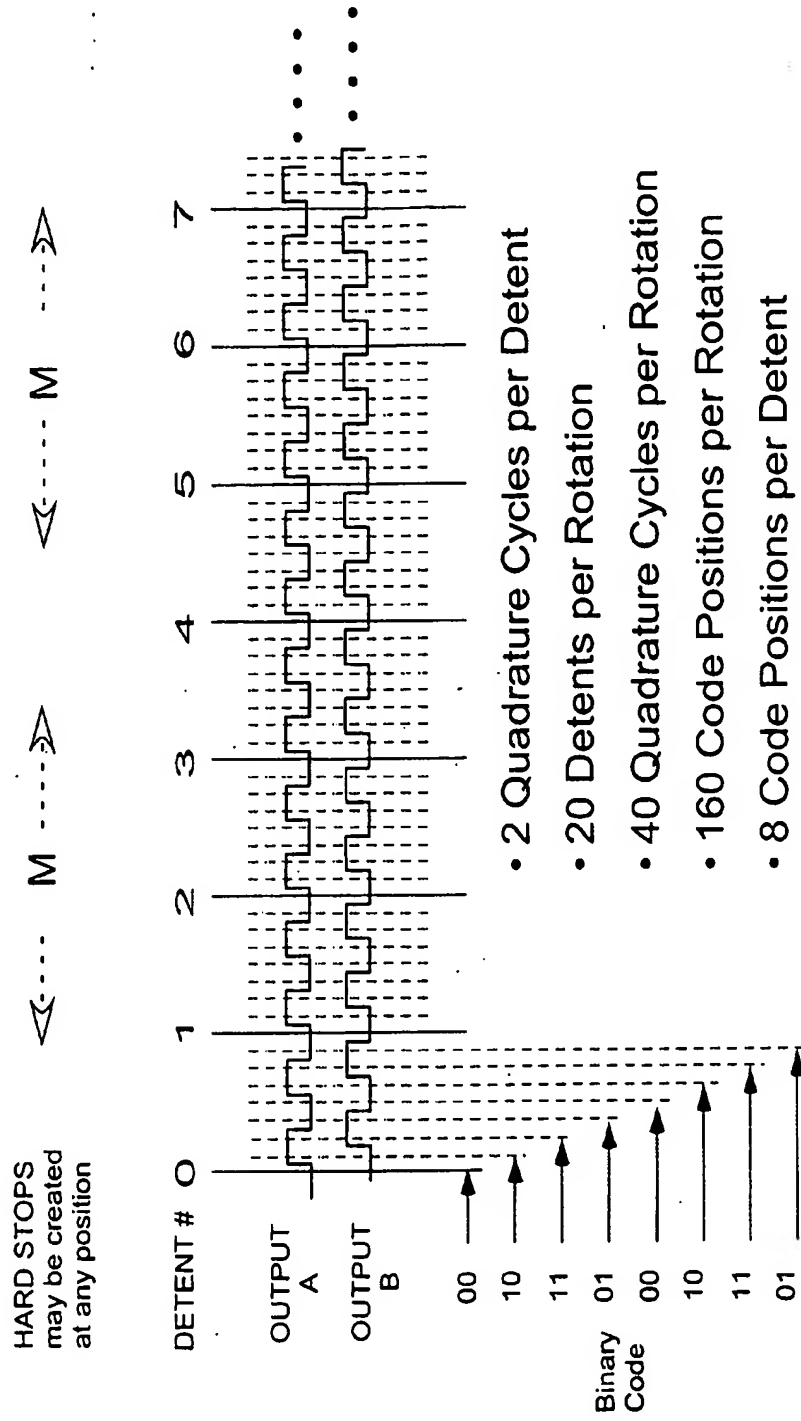


FIG. 50D

# Stops, Optical Code and Detent Relationship



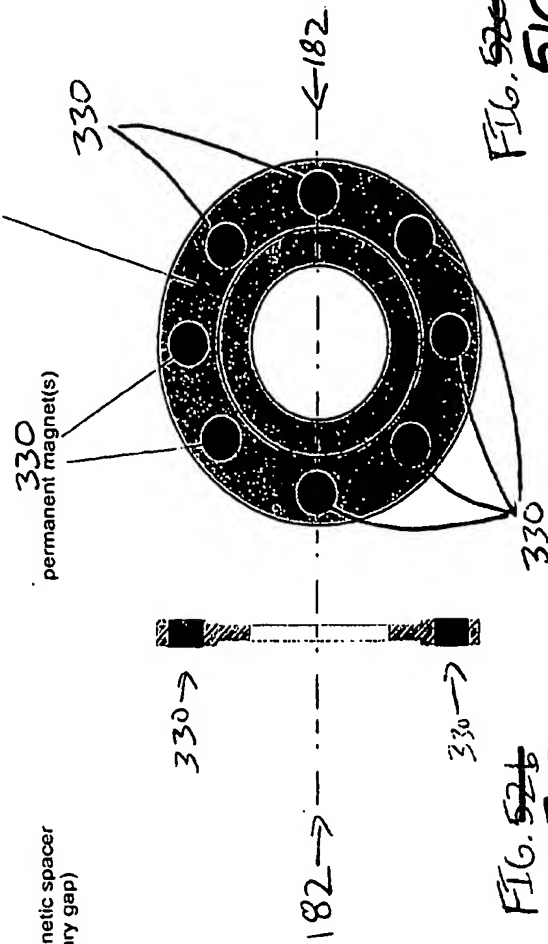
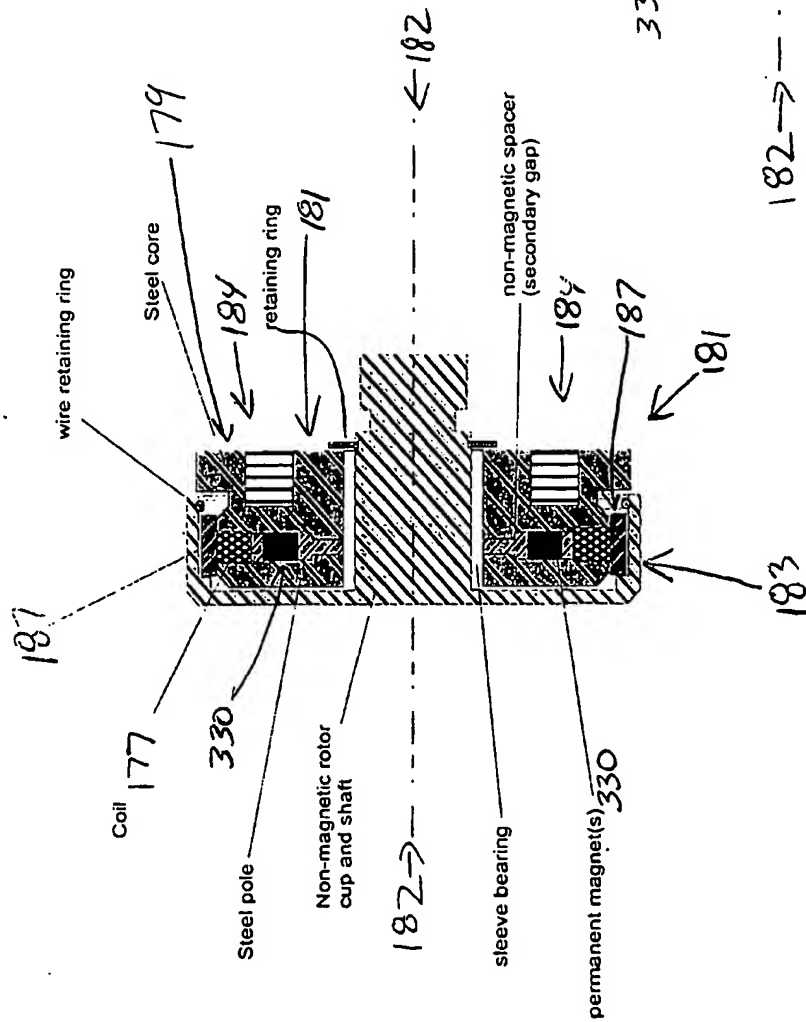
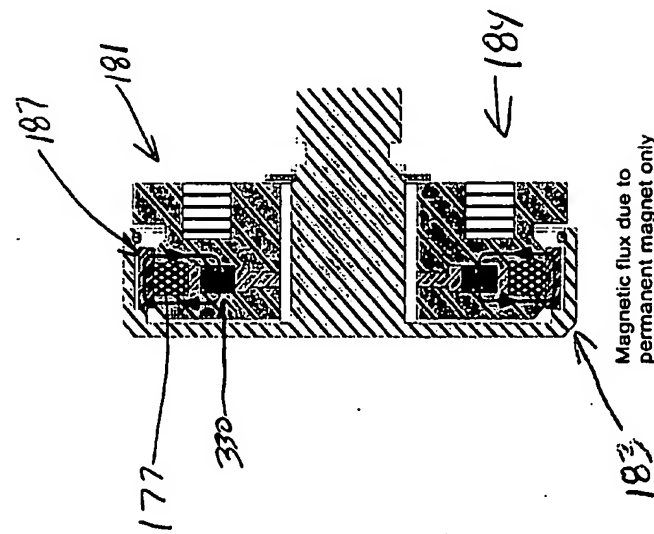


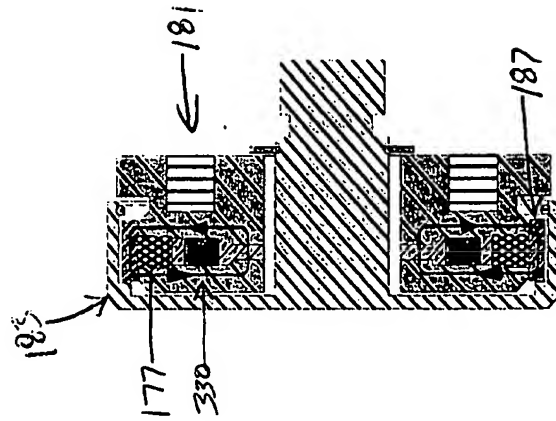
FIG. 52a  
51A

FIG. 52b  
51B

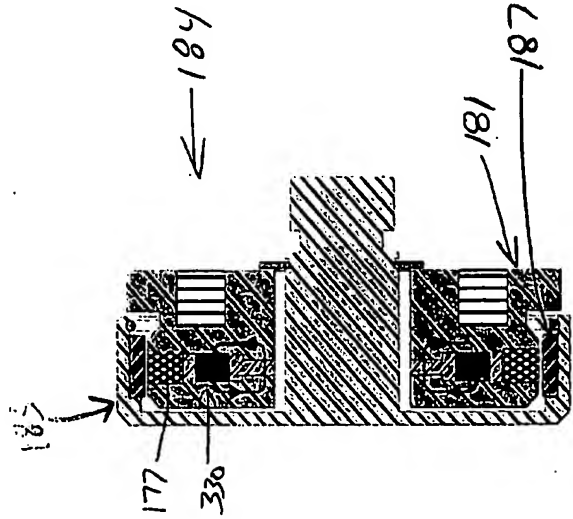
FIG. 52c  
51C



Magnetic flux due to permanent magnet only



Magnetic flux due to coil only



Net magnetic flux with permanent magnet and coil. flux through band is cancelled.

FIG. 52d

51D

FIG. 52e

51E

FIG. 52f

51F